



Image may be representation.  
See specifications for product details.



## HMHA2801AR2V

Manufacturer Part Number	<b>HMHA2801AR2V</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-HMHA2801AR2V
ECAD Model	PCB Footprint and Symbol
Parts Description	OPTOISO 3.75KV TRANS 4-MINI-FLAT
Package	4-SOIC (0.173", 4.40mm Width)
Data sheet	<b>HMHAA281, 2801 Series.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

HMHA2801AR2V - onsemi.New Original in Stock. Download Linear Technology HMHA2801AR2V datasheet/specifications on AllelcoElec.com.  
Request a quote for HMHA2801AR2V, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

HMHA2801AR2V Tech Specifications

HMHA2801AR2V - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Transistor
Voltage - Output (Max)	80V	Operating Temperature	-55°C ~ 100°C
Voltage - Isolation	3750Vrms	Number of Channels	1
Voltage - Forward (Vf) (Typ)	1.3V (Max)	Mounting Type	Surface Mount
Vce Saturation (Max)	300mV	Input Type	DC
Turn On / Turn Off Time (Typ)	-	Current Transfer Ratio (Min)	80% @ 5mA
Supplier Device Package	4-Mini-Flat	Current Transfer Ratio (Max)	160% @ 5mA
Series	-	Current - Output / Channel	50mA
Rise / Fall Time (Typ)	3µs, 3µs	Current - DC Forward (If) (Max)	50 mA
Package / Case	4-SOIC (0.173", 4.40mm Width)	Base Product Number	HMHA2801
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi HMHA2801AR2V

Product Attribute				
Part Number	HMHA2801AR2V	<b>HMHA2801BR1</b>	<b>HMHA2801</b>	<b>HMHA2801AV</b>
Manufacturer	onsemi	onsemi	onsemi	Fairchild Semiconductor
Current Transfer Ratio (Max)	160% @ 5mA	260% @ 5mA	600% @ 5mA	160% @ 5mA
Package / Case	4-SOIC (0.173", 4.40mm Width)	4-SOIC (0.173", 4.40mm Width)	4-SOIC (0.173", 4.40mm Width)	4-SOIC (0.173", 4.40mm Width)
Current - DC Forward (If) (Max)	50 mA	50 mA	50 mA	50 mA
Current Transfer Ratio (Min)	80% @ 5mA	130% @ 5mA	80% @ 5mA	80% @ 5mA
Voltage - Output (Max)	80V	80V	80V	80V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Turn On / Turn Off Time (Typ)	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Bulk
Output Type	Transistor	Transistor	Transistor	Transistor
Input Type	DC	DC	DC	DC
Base Product Number	HMHA2801	HMHA28	HMHA28	-
Voltage - Forward (Vf) (Typ)	1.3V (Max)	1.3V (Max)	1.3V (Max)	1.3V (Max)
Operating Temperature	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C	-55°C ~ 100°C
Voltage - Isolation	3750Vrms	3750Vrms	3750Vrms	3750Vrms
Number of Channels	1	1	1	1
Vce Saturation (Max)	300mV	300mV	300mV	300mV
Current - Output / Channel	50mA	50mA	50mA	50mA
Series	-	-	-	-
Supplier Device Package	4-Mini-Flat	4-Mini-Flat	4-Mini-Flat	4-Mini-Flat
Rise / Fall Time (Typ)	3µs, 3µs	3µs, 3µs	3µs, 3µs	3µs, 3µs

### HMHA2801AR2V Datasheet PDF

Download HMHA2801AR2V pdf datasheets and onsemi documentation for HMHA2801AR2V - onsemi.

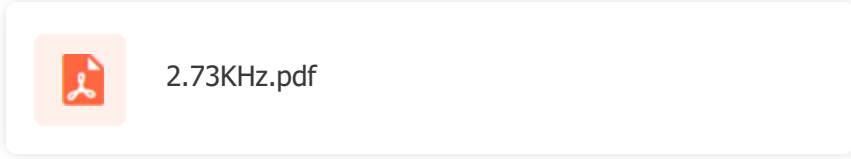
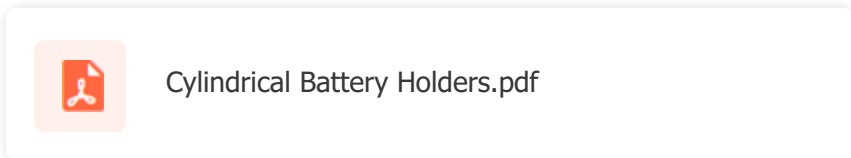
#### Datasheets

[HMHAA281, 2801 Series.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration HMHA2801AR2V.pdf](#)



Customers Also Interested in

Recommended Products

<b>HMHA2801BR1</b> onsemi OPTOISO 3.75KV TRANSISTOR 4SMD	<b>HMHA2801</b> onsemi OPTOISO 3.75KV TRANSISTOR 4SMD	<b>HMHA2801AV</b> Fairchild Semiconductor TRANSISTOR OUTPUT OPTOCOUPLER, 3	<b>HMHA2801BR2</b> onsemi OPTOISO 3.75KV TRANSISTOR 4SMD	<b>HMHA2801R1</b> onsemi OPTOISO 3.75KV TRANSISTOR 4SMD	<b>HMHA280</b> Fairchild (onsemi)
<b>HMHA2801AR2</b> onsemi OPTOISO 3.75KV TRANS 4-MINI-FLAT	<b>HMHA2801R1</b> Fairchild Semiconductor TRANSISTOR OUTPUT OPTOCOUPLER	<b>HMHA2801R1V</b> onsemi OPTOISO 3.75KV TRANSISTOR 4SMD	<b>HMHA2801C</b> onsemi OPTOISO 3.75KV TRANSISTOR 4SMD	<b>HMHA2801CR1</b> onsemi OPTOISO 3.75KV TRANSISTOR 4SMD	<b>HMHA2801AV</b> onsemi OPTOISO 3.75KV TRANS 4-MINI-FLAT
<b>HMHA2801AR1V</b> onsemi OPTOISO 3.75KV TRANS 4-MINI-FLAT	<b>HMHA2801CR2</b> onsemi OPTOISO 3.75KV TRANSISTOR 4SMD	<b>HMHA2801AR1</b> onsemi OPTOISO 3.75KV TRANS 4-MINI-FLAT	<b>HMHA2801A</b> onsemi OPTOISO 3.75KV TRANS 4-MINI-FLAT	<b>HMHA2801CR2</b> Fairchild Semiconductor TRANSISTOR OUTPUT OPTOCOUPLER, 2	<b>HMHA2801B</b> onsemi OPTOISO 3.75KV TRANSISTOR 4SMD

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery
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Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



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